

REMARKS / ARGUMENTS

In complete response to the Office Action dated December 10, 2007, on the above identified application, reconsideration is respectfully requested. Claims 1-44 are pending in this application.

Election/Restrictions

The Examiner requested a restriction under 35 U.S.C. 121 between the following allegedly distinct inventions:

- I. Claims 1-18, drawn to an apparatus, classified in class 422, subclass 55.
- II. Claims 19-35, drawn to a system, classified in class 422, subclass 62.
- III. Claims 36-40, drawn to a method, classified in class 436, subclass 164.
- IV. Claims 41-44, drawing to a computer readable program storage device, classified in class 702, subclass 22.

In response to the requirement for restriction, the Applicants elect, with traverse, the invention of Group II, claims 19-35, drawn to a system, and withdraw claims 1-18 and 36-44.

The Examiner's restriction requirement is respectfully traversed because Group I through IV are all drawn to the same invention, with the desired result being a method and apparatus for measuring characteristics of a process chemical. As the desired result for all groups is identical, the structuring of these claims should not present an undue burden on the Examiner for search purposes.

CONCLUSION

Accordingly, it is believed that the present application now stands in condition for allowance. Early notice to this effect is earnestly solicited. Should the Examiner believe a telephone call would expedite the prosecution of the application, he is invited to call the undersigned attorney at the number listed below.

Respectfully submitted,



Brandon S. Clark
Registration No. 59,020

Date: **January 10, 2008**

Air Liquide
2700 Post Oak Blvd., Suite 1800
Houston, Texas 77056
Phone: (713) 624-8787
Fax: (713) 624-8950